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Docket No. 4522/00018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kazimierz J. Wikiel **EXAMINER:** Not Yet Assigned
SERIAL NO. 10/621,079 **GROUP:** 2857
FILED: July 16, 2003
FOR: Method and apparatus for real time monitoring of
electroplating bath performance and early fault detection

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

FILED VIA FACSIMILE NOVEMBER 20, 2003 TO: (703) 872-9318 (5 Pages)

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97,
Applicant herewith submits the publications and/or patents shown on the
attached form PTO-1449, for consideration by the Examiner in connection with
the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is
being filed (CHECK ONE):

Application Serial No. 10/621,079

- x (1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or
- (2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p) is included herein; or
- (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these United States Patents are not being submitted per the August 5, 2003, OG Notice regarding Information Disclosure Statement filings.

Early examination and allowance of the present application are respectfully solicited.

CERTIFICATION

I certify under 37 C.F.R. §1.97(e)(1) that the presently listed references were cited in a communication from a foreign patent office in a counterpart foreign application dated not more than three months prior to the filing of this Supplemental Information Disclosure Statement. A copy of this communication is enclosed.

Application Serial No. 10/621,079

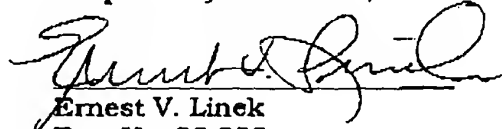
FEE AUTHORIZATION

Applicant does not believe that any fees are due by virtue of the filing of this Information Disclosure Statement, if, however, any fee is required to enable this Information Disclosure Statement considered by the United States Patent and Trademark Office, charge any such required fee to Deposit Account No. 19-0733.

CERTIFICATE OF FACSIMILE TRANSMISSION

The undersigned hereby certifies that this correspondence was submitted by facsimile in the USPTO on the date shown on Page 1.

Respectfully submitted,



Ernest V. Linek
Reg. No. 29,822
Attorney for Applicant
Banner & Witcoff, Ltd.
28 State Street, 28th Floor
Boston, MA 02109-1775
Tel: (617) 720-9600
Fax: (617) 720-9601
E-Mail: ELinek@bannerwitcoff.com

Date: November 20, 2003

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22151

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C25D 21/12, 5/00, 21/18 US CL : 205/81, 82, 101 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 205/81, 82, 101 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 6,471,845 B1 (DUKOVIC et al) 29 October 2002 (29.10.2002), cols. 1-14.	1-55
Y	US 5,368,715 A (HURLEY et al) 29 November 1994 (29.11.1994), cols. 1-9.	1-55
Y	US 6,365,033 B1 (GRAHAM et al) 2 April 2002 (02.04.2002), cols. 1-13.	1-55
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See parent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "R" earlier application or patent published on or after the international filing date "I" document which may throw doubts on priority claims or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, etc. exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 29 October 2003 (29.10.2003)		Date of mailing of the international search report 13 NOV 2003
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer Wesley A. Nicholas Telephone No. (703) 308-1193

Form PCT/ISA/210 (second sheet) (July 1998)